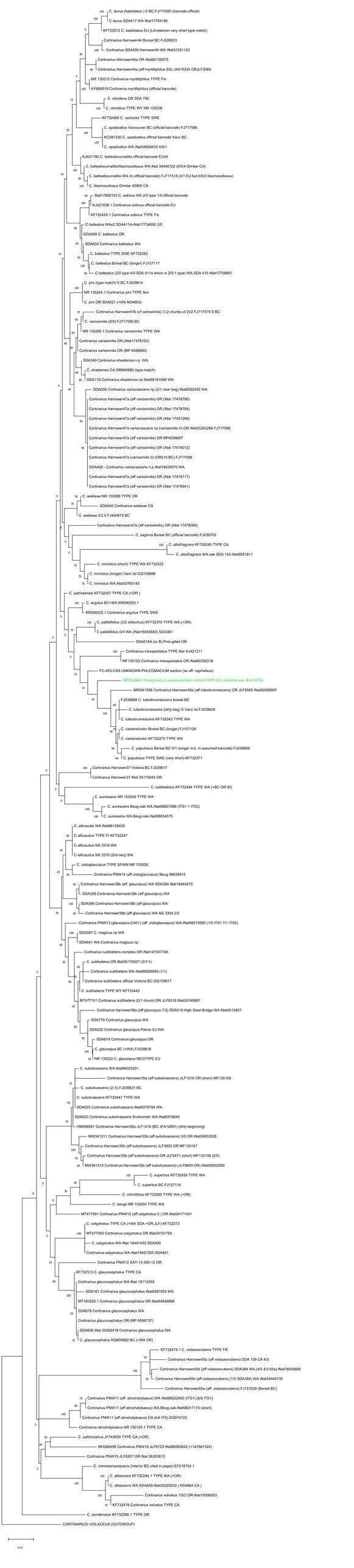
C. durus (badiolatus ) S BC FJ717595 (barcode official)
C durus SDA417 WA INat17764196
KF732612 C. badiolatus EU (Limatainen very short type match)
Cortinarius Harrower44 Boreal BC FJ039633
Cortinarius SDA499 Harrower44 WA INat31021123
Cortinarius Harrower44a OR INat60159573
Cortinarius Harrower44a (aff myrtilliphilus 8/0) JX415335 ORJLF2069
NR 130312 Cortinarius myrtilliphilus TYPE Fin
AY669518 Cortinarius myrtilliphilus (official barcode)
C. citriolens OR SDA 730
C. citriolens TYPE WY NR 130208
KF732466 C. varicolor TYPE SWE
C. spadicellus Vancouver BC (official barcode) FJ717586
KC581330 C. spadicellus official barcode Vanc BC
C. spadicellus WA INat34606433 0/0/1
KJ421190 C. balteatocumatilis official barcode EUx9
C. balteatocumatilis/lilacinocollosus WA INat 34446722 (0/0/4 Dimitar CA)
C. balteatocumatilis WA (in official barcode) FJ717518 (3/1 EU but 0/0/2 lilacinocollosus)
C. lilacinocollosus Dimitar 40860 CA
INat17858153 C. sobrius WA 2/0 type 1/0 official barcode
KJ421038.1 Cortinarius sobrius official barcode EU
KF732429.1 Cortinarius sobrius TYPE Fin
C balteatus WAx2 SDA411A-INat17734692 2/0
SDA599 C. balteatus OR
SDA624 Cortinarius balteatus WA
C. balteatus TYPE SWE KF732262
C. balteatus Boreal BC (longer) FJ157117
C balteatus (2/0 type 4/0 SDA 411a which is 2/0-1 type) WA SDA 415 INat17758661
C. pini (type match) S BC FJ039614
NR 130244.1 Cortinarius pini TYPE Nor
C. pini OR SDA621 (+WA NS4603)
Cortinarius Harrower47b (cf variosimilis) 3 (2 chunks of 2)/2 FJ717519 S BC
C. variosimilis (0/0) FJ717596 BC
NR 130280.1 Cortinarius variosimilis TYPE WA
Cortinarius variosimilis OR (INat17478102)
Cortinarius variosimilis OR (MP 6598862)
SDA349 Cortinarius shastensis n.p. WA
C. shastensis CA DBB46980 (type match)
SDA118 Cortinarius shastensis np INat68181688 WA
SDA008 Cortinarius variocrascens np (2/1 near beg) INat9292492 WA
Cortinarius Harrower47a (aff variosimilis) OR (INat 17478786)
Cortinarius Harrower47a (aff variosimilis) OR (INat 17478764)
Cortinarius Harrower47a (aff variosimilis) OR (INat 17451286)
Cortinarius Harrower47a variocrascens np (variosimilis II) OR INat35263264 FJ717598
Cortinarius Harrower47a (aff variosimilis) OR MF6598697
Cortinarius Harrower47a (aff variosimilis) OR (INat 17478012)
Cortinarius Harrower47a (variosimilis II) (ORx10 BC) FJ717598
SDA409 - Cortinarius variocrascens n.p INat18424070 WA
Cortinarius Harrower47a (aff variosimilis) OR (INat 17478117)
Cortinarius Harrower47a (aff variosimilis) OR (INat 17478041)
C. wiebeae NR 130288 TYPE OR
SDA040 Cortinarius wiebeae CA
C. wiebeae 0/2.5 FJ440879 BC
Cortinarius Harrower47a (aff variosimilis) OR (INat 17478069)
C. saginus Boreal BC (official barcode) FJ039702
C. albofragrans KF732245 TYPE CA
C. albofragrans WA oak SDA 155 INat9281811
C. immixtus (short) TYPE WA KF732323
C. immixtus (longer) Vanc Isl GQ159888
C. immixtus WA INat30765143
C. patrickensis KF732307 TYPE CA (+OR )
C. argutus BC+WA KR090555.1
KR090553.1 Cortinarius argutus TYPE SWE
C. pallidifolius (2/2 cliduchus) KF732370 TYPE WA (+OR)
C pallidifolius 0/4 WA (INat18455683) SDA381
SDA618A (or B) Pink-gilled OR
Cortinarius inexspectatus TYPE Nor KJ421211
MF135155 Cortinarius inexspectatus OR INat60328318
FC-453-C59 UNKNOWN PHLEGMACIUM section (as aff. cephalixus)
OR725044.1 Phlegmacium aureoarmillatum HOLOTYPE CA (+Seattle oak JFA13179)
MW341308 Cortinarius Harrower49a (aff luteobrunnescens) OR JLF8585 INat62089997
FJ039668 C. luteobrunnescens boreal BC
C. luteobrunnescens (dirty beg) S Vanc Isl FJ039628
C. luteobrunnescens KF732342 TYPE WA
C. castaneicolor Boreal BC (longer) FJ157126
C. castaneicolor KF732275 TYPE WA
C. papulosus Boreal BC 0/1 (longer incl. in assumed barcode) FJ039669
C. papulosus TYPE SWE (very short) KF732371
Cortinarius Harrower37 Victoria BC FJ039617
Cortinarius Harrower37 INat.35175045 OR
C. subfoetidus KF732444 TYPE WA (+BC OR ID)
C. aurescens NR 153049 TYPE WA
C. aurescens Beug oak WA INat98837086 (ITS1 + ITS2)
C. aurescens WA Beug oak INat98834575
C. alticaudis WA INat96128420
C alticaudus TYPE Fi KF732247
C alticaudus NS 3316 WA
C alticaudus NS 3316 (2nd seq) WA
C. cistoglaucopus TYPE SPAIN NR 153026
Cortinarius PNW14 (aff cistoglaucopus) Beug 98835915
Cortinarius Harrower38b (aff. glaucopus) WA SDA394 INat18444275
SDA358 Cortinarius Harrower38b (aff glaucopus) WA
SDA366 Cortinarius Harrower38b (aff glaucopus) WA
Cortinarius Harrower38b (aff glaucopus) WA NS 3354 2/2
Cortinarius PNW13 (glaucopus-CA01) (aff. cistoglaucopus) WA INat98219280 (1/0 ITS1 7/1 ITS2)
SDA597 C. magicus np WA
SDA641 WA Cortinarius magicus np
Cortinarius subfoetens complex OR INat147507746
C. subfoetens OR INat35170527 (2/1/1)
Cortinarius subfoetens WA INat98836855 (1/1)
Cortinarius subfoetens official Victoria BC GQ159817
C. subfoetens TYPE WY KF732443
MT477101 Cortinarius subfoetens (0/1 chunk) OR JLF8318 INat35169957
Cortinarius Harrower38a (aff glaucopus 7/3) SDA019 High Steel Bridge WA INat4513407
SDA776 Cortinarius glaucopus WA
SDA020 Cortinarius glaucopus Pierce Co WA
SDA614 Cortinarius glaucopus OR
C. glaucopus BC (+WA) FJ039616
NR 130222 C. glaucopus NEOTYPE EU
C. subolivascens WA INat84025201
Cortinarius Harrower35a (aff subolivascens) JLF1316 OR (short) MF135169
C. subolivascens (2/.5) FJ039631 BC
C. subolivascens KF732447 TYPE WA
SDA025 Cortinarius subolivascens INat9379794 WA
SDA023 Cortinarius subolivascens Snohomish WA INat9379645
HM068561 Cortinarius Harrower35a JLF1316 (BC JFA12891) (dirty beginning)
MW341311 Cortinarius Harrower35b (aff subolivascens) 3/0 OR INat59933028
Cortinarius Harrower35b (aff subolivascens) JLF3825 OR MF135167
Cortinarius Harrower35b (aff subolivascens) OR JLF2471 (short) MF135156 (2/0)
MW341310 Cortinarius Harrower35b (aff subolivascesns) (JLF8603 OR) INat59932959
C. superbus KF732456 TYPE WA
C. superbus BC FJ157114
C. citrinifolius KF732280 TYPE WA (+OR)
C. beugii NR 153050 TYPE WA
MT477091 Cortinarius PNW10 (aff calyptratus 5 ) OR INat34171541
C. calyptratus TYPE CA (+WA SDA +OR JLF) KF732273
MT477093 Cortinarius calyptratus OR INat34191765
C. calyptratus WA INat 18441433 SDA390
Cortinarius calyptratus WA INat18457305 SDA401
Cortinarius PNW12 SAT-13-300-12 OR
KF732313 C. glaucocephalus TYPE CA
Cortinarius glaucocephalus WA INat 18112293
SDA161 Cortinarius glaucocephalus INat9281855 WA
MT160328.1 Cortinarius glaucocephalus OR INat44846868
SDA679 Cortinarius glaucocephalus WA
Cortinarius glaucocephalus OR (MP 6598737)
SDA656 INat 35262418 Cortinarius glaucocephalus WA
C. glaucocephalus HQ604682 BC (+WA OR)
KF732474.1 C. violaceorubens TYPE FR
Cortinarius Harrower65c (aff violaceorubens) SDA 159 CA 4/3
Cortinarius Harrower65b (aff violaceorubens) SDA384 WA (4/5 4/3 65a) INat18455684
Cortinarius Harrower65b (aff violaceorubens) (1/2 SDA384) WA INat34444735
Cortinarius Harrower65a (aff. violaceorubens) FJ157039 (Boreal BC)
Cortinarius PNW11 (aff. atrochalybaeus) WA INat98222600 (ITS1) (6/0 ITS1)
Cortinarius PNW11 (aff atrochalybaeus) WA Beug oak INat98217174 (short)
Cortinarius PNW11 (aff atrochalybaeus) CA (full ITS) DQ974723
Cortinarius atrochalybaeus NR 130193.1 TYPE CA
C. callimorphus JF742659 TYPE CA (+OR)
MH266406 Cortinarius PNW16 JLF6123 INat66265642 (+147681524)
Cortinarius PNW15 JLF8307 OR INat 36353613
C. cremeiamarescens (Interior BC cited in paper) EF218754.1
C. albescens KF732244.1 TYPE WA (+OR)
C. albescens WA SDA659 INat35220033 ( NS4664 CA )
Cortinarius volvatus 1/0/2 OR INat19306003
KF732478 Cortinarius volvatus TYPE CA
C. ponderosus KF732386.1 TYPE OR
CORTINARIUS VIOLACEUS (OUTGROUP)
0.02